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State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-329 Relating to Certification of New Motor Vehicles

CHRYSLER CORPORATION

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-45-9;

IT IS ORDERED AND RESOLVED: That 1996 model-year Chrysler Corporation exhaust emission control systems are certified as described below for light-duty trucks:

Fuel Type: Gasoline

Engine Family: TCR18128G1EK <u>Displacement</u>: 3.0 Liters (181 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Exhaust Gas Recirculation
Three Way Catalytic Converter
Heated Oxygen Sensors (two)
Sequential Multiport Fuel Injection

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The certification exhaust emission standards for this engine family in grams per mile are:

Loaded Vehicle Weight(lbs.)	Miles	Non-Methane <u>Hydrocarbons</u>	Carbon <u>Monoxide</u>	Nitrogen <u>Oxides</u>	Carbon <u>Monoxide (20⁰F)</u>
3751-5750	50,000	0.32	4.4	0.7	12.5
	100,000	0.40	5.5	0.97	n/a

The certification exhaust emission values for this engine family in grams per mile are:

Loaded Vehicle	Miles	Non-Methane	Carbon	Nitrogen	Carbon
Weight(lbs.)		<u>Hydrocarbons</u>	<u>Monoxide</u>	<u>Oxides</u>	Monoxide (20 ⁰ F)
3751-5750	50,000	0.13	1.2	0.1	7.4
	100,000	0.15	1.5	0.16	n/a

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the aforementioned exhaust emission standards based on its submitted plan to comply with the fleet average non-methane organic gas (NMOG) exhaust mass emission requirements as set forth in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That under the submitted NMOG fleet average compliance plan, if the manufacturer incurs a NMOG debit for the aforementioned model year based on the projected NMOG fleet average exceeding the value required by the above-referenced standards and test procedures, all incurred NMOG debits by the manufacturer shall be equalized as required by the standards and test procedures.

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the 50,000-mile evaporative emission standards applicable to 1980 through 1994 model-year vehicles in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles", and the listed vehicle models comply with those standards.

BE IT FURTHER RESOLVED: That, based on the evaporative emission phase-in compliance schedule submitted by the vehicle manufacturer, the listed vehicle models shall not be subject to the running loss and useful life standards set forth in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles."

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" for the aforementioned model year (Title 13, California Code of Regulations, Section 2235).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high-altitude requirements and highway emission standards, and with the California Inspection and Maintenance emission standards in place at the time of certification, as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Emission Control Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et seq.).

BE IT FURTHER RESOLVED: That the manufacturer is certifying the listed vehicle models with a partially complying on-board diagnostic system for the aforementioned model year pursuant to Title 13, California Code of Regulations, Section 1968.1(m)(6.1) ("Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines").

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this _ 7 day of July 1995.

B. Summerfield

Assistant Division Chief Mobile Source Division

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1996 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Chrysler Corporation	- WORLDOOM WOOD
All Eng Codes in Eng Fam: CA X 49S 50S AB965 Exh Std: CA Tier-1 X TLEV LEV ULEV ZEV : US EPA Tier-1 X Evap Std: 50K X Useful Life with R/L In-Use Exh Std: Full In Use X Alt In Use Veh Class(es): PC LDT1 LDT2 X MDV1 MDV2 MDV3 MDV4 MDV5 Single Cert Std for Multi-Class Eng Fam: N/A (Specify: N/A, LDT1, MDV1, MDV2, MDV3, MDV4) Fuel Type(s): Dedicated X Flex-Fuel Dual-Fuel Bi-Level Gasoline X Diesel CNG LNG LPG M85 Other (specify) Emis Test Fuel(s): Indo Ph2 X CNG LPG M85 Other(specify) Diesel: 13 CCR 2282 or 40 CFR 86.113-90 or 40 CFR 86.113-94 Service Accum: Std AMA Mod AMA Mfr ADP Other (Specify) NMOG Test Procedure: N/A Std Equiv X R/L Test Proce: SHED Pt Source Hybrid: Type A B C APU Cycle (e.g., Otto, Diesel, Turbine) Engine Configuration: V-6 Displacement: / 3.0 Liters / 181 Cubic Inches Valves per Cylinder: 2 Rated HP: 150 @ 5200 RPM Engine: Front X Mid Rear Drive: FWD X RWD 4WD-FT 4WD-PT	Manufacturer: Chrysler Corporation Exh Eng Fam: TCR18128G1EK Evap Fam: TCR1098AYPOA
Evah Std: CA Tier-1 X TLEV LEV ULEV ZEV : US ETA TIET A TLEV Evap Std: 50K X Useful Life with R/L In-Use Exh Std: Full In Use X Alt In Use Veh Class(es): PC LDT1 LDT2 X MDV1 MDV2 MDV3 MDV4 MDV5 Single Cert Std for Multi-Class Eng Fam: N/A (Specify: N/A, LDT1, MDV1, MDV2, MDV3, MDV4) Fuel Type(s): Dedicated X Flex-Fuel Dual-Fuel Bi-Level Gasoline X Diesel CNG LNG LPG M85 Other (specify) Emis Test Fuel(s): Indo Ph2 X CNG LPG M85 Other(specify) Diesel: 13 CCR 2282 or 40 CFR 86.113-90 or 40 CFR 86.113-94 Service Accum: Std AMA Mod AMA Mfr ADP Other (Specify) NMOG Test Procedure: N/A Std Equiv X R/L Test Proce: SHED Pt Source Hybrid: Type A B C APU Cycle (e.g., Otto, Diesel, Turbine) Engine Configuration: V-6 Displacement: / 3.0 Liters / 181 Cubic Inches Valves per Cylinder: 2 Rated HP: 150 @ 5200 RPM Engine: Front X Mid Rear Drive: FWD X RWD 4WD-FT 4WD-PT	All For Codes in Eng Fam: $CA \times 49S = 50S = AB965$
Evap Std: 50K_XUseful Life with R/LIn-Use Exh Std: Full In Use_X_ATT IN Use	The State CA Tion 1 Y TIEV LEV ULEV ZEV : US EPA Tier-1 X
Veh Class(es): PCLDT1LDT2_XMDV1MDV2MDV3MDV4MDV3	EXH Std: CA Fiel-1 A Field But In-Use Exh Std: Full In Use X Alt In Use
Single Cert Std for Multi-Class Eng Fam: N/A (Specify: N/A, LD11, MDV1, MDV2, MDV3, MDV4) Fuel Type(s): Dedicated X Flex-Fuel Dual-Fuel Bi-Level Gasoline X Diesel	Evap Std: 50K X Userul Life with R/L 11005C EXT 30d. 1007 MDV3 MDV4 MDV5
Single Cert Std for Multi-Class Eng Fam: N/A (Specify: N/A, LD11, MDV1, MDV2, MDV3, MDV4) Fuel Type(s): Dedicated X Flex-Fuel Dual-Fuel Bi-Level Gasoline X Diesel	Veh Class(es): PCLDT1LD12_X MUV1MUV2MUV3MUV4MU
Fuel Type(s): Dedicated X Flex-Fuel Dual-Fuel Bi-Level Gasorine X Dreset CNG LNG LPG M85 Other (specify) Emis Test Fuel(s): Indo Ph2 X CNG LPG M85 Other(specify) Diesel: 13 CCR 2282 or 40 CFR 86.113-90 or 40 CFR 86.113-94 Service Accum: Std AMA M6r ADP Other (Specify) NMOG Test Procedure: N/A Std Equiv X R/L Test Proce: SHED Pt Source Hybrid: Type A B C APU Cycle (e.g., Otto, Diesel, Turbine) Engine Configuration: V-6 Displacement: / 3.0 Liters / 181 Cubic Inches Valves per Cylinder: 2 Rated HP: 150 @ 5200 RPM Engine: Front X Mid Rear Drive: FWD X RWD 4WD-FT 4WD-PT	Single Cort Std for Multi-Class Eng Fam: N/A (Specify: N/A, LUII, MUVI, MUVI, MUVI, MUVI, MUVI)
CNGLNGLPGM85Other (specify) Emis Test Fuel(s): IndoPh2_X_CNGLPGM85Other(specify) Diesel: 13 CCR 2282or 40 CFR 86.113-90or 40 CFR 86.113-94 Service Accum: Std AMAMod AMAMfr ADPOther (Specify) NMOG Test Procedure: N/AStdEquiv_XR/L Test Proce: SHEDPt Source Hybrid: Type ABC, APU Cycle (e.g., Otto, Diesel, Turbine) Engine Configuration: V-6Displacement:/3.0Liters/181Cubic Inches Valves per Cylinder:2	Fuel Type(s): Dedicated X Flex-Fuel Dual-Fuel Bi-Level Gasotthe X Diesel
Emis Test Fuel(s): IndoPh2XCNGLPGM85Other(specify) Diesel: 13 CCR 2282 or 40 CFR 86.113-90 or 40 CFR 86.113-94 Service Accum: Std AMA Mod AMA Mfr ADP Other (Specify) NMOG Test Procedure: N/A Std EquivX	CNG LNG LPG M85 Other (specify)
Diesel: 13 CCR 2282 or 40 CFR 86.113-90 or 40 CFR 86.113-94 Service Accum: Std AMA Mod AMA Mfr ADP Other (Specify) NMOG Test Procedure: N/A Std Equiv X	Emic Tost Euel(s): Indo Ph2 X CNG LPG M85 Other(specify)
Service Accum: Std AMA Mod AMA Mfr ADP Other (Specify)	Diosol: 13 CCP 2282 or 40 CFR 86.113-90 or 40 CFR 86.113-94
NMOG Test Procedure: N/A Std Equiv X R/L Test Proce: SHED Pt Source Hybrid: Type A B C APU Cycle (e.g., Otto, Diesel, Turbine) Engine Configuration: V-6 Displacement: / 3.0 Liters / 181 Cubic Inches Valves per Cylinder: 2 Rated HP: 150 @ 5200 RPM Engine: Front X Mid Rear Drive: FWD X RWD 4WD-FT 4WD-PT	Dieser, 10 con 2202 of the Other (Specify)
Hybrid: Type A B C, APU Cycle (e.g., Otto, Diesel, Turbine)	Service Accum: Std AMA MOD AMA PM First Process SUED Pt Source
Hybrid: Type A B C, APU Cycle (e.g., Otto, Diesel, Turbine)	NMOG Test Procedure: N/A Std Equiv X R/L Test Proce: SHED rt Source
Engine Configuration: V-6 Displacement: 73.0 Liters 7181 Cubic Menes Valves per Cylinder: 2 Rated HP: 150 @ 5200 RPM Engine: Front X Mid Rear Drive: FWD X RWD 4WD-FT 4WD-PT	APIL Cycle (e.g., Otto, Diesel, Turbine)
Valves per Cylinder: 2 Rated HP: 150 & 5200 NT. Engine: Front X Mid Rear Drive: FWD X RWD 4WD-FT 4WD-PT	Fraise Configuration: V-6 Displacement: / 3.0 Liters / 101 Cubic Inches
Engine: Front X Mid Rear Drive: FWD X RWD 4WD-F1 4WD-F1	Engine Configuration. V-0 Displacements. Pated HP: 150 @ 5200 RPM
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Engine Code	Vehicle Models	Trans. Type	ETW	DPA	Ignition	EGR	Catalyst
(also list	(if coded see	M5	or	or	(ECM/PCM)	System	Converter
CA/49ST/50ST)	attachment)	A4	Test Wt.	RLHP	Part No.	Part No.	Part No.
CA-100 (CA)	NSHL52 NSKL52 NSKL53 NSHH52 NSHH53 NSKH52 NSKH53	A3	4250	S E E A T T A C H M E N T	04748143	05281755	04682559 04682561

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NSKL53	EFA	3 6 K	≱ LL	4000	0	> -	ST0 0P1	96	TLP	140 140	1 2 A 1 2 A	15.38 17.09	9.50 8.60	35

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* . For DYNO HP = 0.00 Ref To FRONTAL AREA

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1996 TCR18128G1EK

TREAD DEPTH	P (IN.) L X Y 1/32	100
	P L OVERLAY Y MATERIAL	2 Nylon 2 Nylon 1 Nylon
	P L Y SW SIDEWALL MATERIAL	A BOX POlyester A BOX Polyester S BOX Polyester
	CONSTRUCTION RPM COD TREAD MATERIAL	800 SBR 2-STEEL/2-POLYESTER 4 BSW Polyester 2 Nylon 804 SBR 2-STEEL/2-POLYESTER 4 BSW Polyester 2 Nylon 804 SBR 2-STEEL/1-POLYESTER 3 BSW Polyester 1 Nylon
	S 1 7 E	P205/75R14 P215/65R15 P215/65R15
	TIRE DESCRIPTION	TH COULKU MTG 37ME 96 TLP TAD TZA CONQUEST 96 TMR TAD TZA CONQUEST 86 TMR TAD TZH XW4

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Engine Family:	

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: TCR18128G1EK : TCR1098AYPOA	(2MD) (2MD) (2MD) (2MD)
Engine Family: Evaporative Fam:	Car Line Caravan (2WD) Caravan (2WD) Grand Caravan Grand Voyager Grand Voyager Voyager (2WD)
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1996 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Chrysler Corporation Exh Eng Fam: TCR18128G1EK Evap Fam: TCR1098AYP0A
All Eng Codes in Eng Fam: CA X 49S 50S AB965
wh Std: CA Tier-1 X TLEV LEV ULEV ZEV : US EPA Tier-1 X
Evap Std: 50K X Useful Life with R/L In-Use Exh Std: Full In Use X Alt In Use
Veh Class(es): PCLDT1LDT2_X MDV1MOV2MOV3MDV4MDV5
Single Cert Std for Multi-Class Eng Fam: N/A (Specify: N/A. LDT1, MDV1, MDV2, MDV3, MDV4)
Fuel Type(s): Dedicated X Flex-Fuel Dual-Fuel Bi-Level Gasoline X Diesel
CNGLNGLPGM85Other(specify)
Emis Test Fuel(s): IndoPh2_X_CNGLPGM85Other(specify)
Diesel: 13 CCR 2282 or 40 CFR 86.113-90 or 40 CFR 86.113-94
Service Accum: Std AMA Mod AMA Mfr ADP Other (Specify)
NMOG Test Procedure: N/A Std Equiv X R/L Test Proce: SHED Pt Source
Hybrid: Type ABC, APU Cycle (e.g., Otto, Diesel, Turbine)
Engine Configuration: V-6 Displacement: / 3.0 Liters / 181 Cubic Inches
Valves per Cylinder: 2 Rated HP: 150 @ 5200 RPM
Engine: Front X Mid Rear Drive: FWD X RWD 4WD-FT 4WD-PT
Exhaust ECS (eg., EGR, MFI, TC, CAC): <u>EGR, TWC, SFI, HO2S(2)</u> . (use abbreviations per SAE J1930 SEP91)

Engine Code	Vehicle Models	Trans. Type	ETW	DPA	Ignition	EGR	Catalyst
(also list	(if coded see	M5	or	or	(ECM/PCM)	System	Converter
CA/49ST/50ST)	attachment)	A4	Test Wt.	RLHP	Part No.	Part No.	Part No.
CA-100 (CA)	NSHL52 NSKL53 NSKL53 NSHH52 NSHH53 NSKH52 NSKH53	A 3	4250	S E E A I T A C H M E N I	04748143	05281755	04682550 04682561

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Revisions:

Certificate #:

HSHL52	NSHH52	NSHL53	X6HH53	#SXL53	X6X153	NSKL52	PSXII52	• • • • • • • • • • • • • • • • • • • •	*cdel 10	Vehicle WFR: CHRYSLER
Yoyager (2mp)	Voyager (ZWD)	Grand Voyager(Z¥D)	Grand Voyager (2mm)	Grand Caravan (2%0)	Grand Caravan (2#0)	Caravan (2WD)	Сагамал (2м0)		Car Line	Engine Family: TOR18125015K Evaporative Fam: TOR1098AYPOA
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NS K P 53

12=113" vb Van 13=115" vb Van 13=115" vb Van 52=113" vb Wagon 53=119" vb Wagon

Price Class
H=High Line
P=Fremium

L≍Lo¥ Line

Decode AND P=Plymouth AND C=Chrysler AND

X=Dodge Kodel

Body Code NS≃Winivan H=Plymouth Y=Chrysler